

62 A large-scale contents publishing architecture based on reliable multicast Teruji Shiroshita, Osamu Takahashi, Shizuo Shiokawa October 1997 Proceedings of the 15th annual international conference on Computer documentation SIGDOC '97 Publisher: ACM Press

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63 Research sessions: XML PubSub and indexing: Implementing a scalable XML publish/subscribe system using relational database systems Feng Tian, Berthold Reinwald, Hamid Pirahesh, Tobias Mayr, Jussi Myllymaki

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An XML publish/subscribe system needs to match many XPath queries (subscriptions) over published XML documents. The performance and scalability of the matching algorithm is essential for the system when the number of XPath subscriptions is large. Earlier solutions to this problem usually built large finite state automata for all the XPath subscriptions in memory. The scalability of this approach is limited by the amount of available physical memory. In this paper, we propose an implementation th ...

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